



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

#6/AmST  
A  
C. Quee  
11/02

Applicant: Pocker et al. ✓

Atty Docket: SJO990197US1

Serial No.: 09/721,264 ✓

Art Unit: 1773 ✓

Filing Date: November 21, 2000 ✓

Examiner: Stevan A. Resan ✓

Title: **"ENERGY GRADIENT ION BEAM DEPOSITION OF CARBON OVERCOATS  
ON RIGID DISK MEDIA FOR MAGNETIC RECORDINGS"**

Box Non Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

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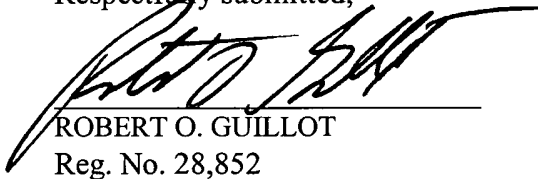
**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

Responsive to the Restriction Requirement mailed September 26, 2002, Applicant elects claims 13-26 drawn to an ion beam process without traverse.

Should the Examiner have any questions or comments with regard to this election, a telephonic conference with the undersigned at the number set forth below is respectfully requested.

Respectfully submitted,

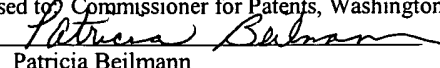
  
ROBERT O. GUILLOT  
Reg. No. 28,852

Dated: October 28, 2002

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**CERTIFICATE OF MAILING (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on October 28, 2002 with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C., 20231.  
Date: October 28, 2002

  
Patricia Beilmann



**THE UNITED STATES PATENT & TRADEMARK OFFICE**

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**PRELIMINARY AMENDMENT**

Sir:

Applicant submits this Preliminary Amendment concurrent with Applicant's Response to the Restriction Requirement.

**In the Abstract**

Please delete the original Abstract and replace it with the Substitute Abstract submitted herewith on a separate page.

**In the Claims**

Please replace original claims with like numbered amended claims set forth below. A marked up copy of the amended claims is submitted herewith as Attachment A.

- WB  
B2  
AT
- 1 ~~13~~ (Once amended) A process for fabricating a magnetic media hard disk comprising:
  - 2 fabricating a magnetic media layer upon a surface material of a substrate;
  - 3 fabricating a diamond-like carbon (DLC) layer upon said magnetic layer by:
  - 4 fabricating an initial thickness DLC layer portion upon said magnetic layer
  - 5 utilizing a relatively low ion carbon beam energy;
  - 6 fabricating a subsequent thickness DLC layer portion upon said initial thickness
  - 7 DLC layer portion utilizing a relatively high carbon ion beam energy.